



US Army Corps  
of Engineers

# RMS Overview

May 2010



US Army Corps  
of Engineers

# RMS Overview

## TODAY'S FACILITATOR

- **Fred Freeman**, RMS Training Director  
RMS Center Apple Valley, CA

-



US Army Corps  
of Engineers

# RMS Overview

## TODAY'S ATTENDEES

- **Self Introductions**
  - **Name**
  - **Where you work**
  - **What you are PAID to do**  
**(not WHAT you do!)**
  - **RMS Experience**



US Army Corps  
of Engineers

# RMS Overview

## RMS Center Primary P.O.C.'s

- Haskell Barker, Project Manager
- Eric Holland, Lead Programmer
- Richard Alvarez, Help Desk
- Fred Freeman, Training Director

**(760) 247-0217**



US Army Corps  
of Engineers

# RMS Overview

## RMS Center Programmers

- Eric Holland – Lead
- Kenneth Avila
- James McGuire
- Gerald McKoy
- Mark Rhoades
- Jim Umstot
- Esko Woudenberg



US Army Corps  
of Engineers

# RMS Overview

## RMS HOME PAGE

- <http://www.rmssupport.com>

**Technical Guidance/FAQ**

**Software Upgrades/Downloads**



US Army Corps  
of Engineers

# RMS

## Overview

- **What is RMS meant to be?**
  - Automated information system to support **contract construction management** at field offices and District Headquarters
  - Part of USACE's effort to *standardize & upgrade* information management systems
  - Tool to help manage and improve *project delivery & contract management*



US Army Corps  
of Engineers

# RMS Overview

- **What RMS is not ! (Or, What it is not SUPPOSED to be)**
  - ‘Stovepipe’ system
  - An ‘S&A’ fiscal management system
  - Optional for construction contract management
  - A substitute or competitor for P2, SPS, CEFMS
  - An engineering/design management tool
  - Mandatory to use all features





US Army Corps  
of Engineers

# RMS Overview

- **What does it do?**

- Helps field office plan contract-specific activities needed to successfully manage field construction contract activities **(pre-construction planning)**
- Supports more effective, efficient QA/QC during construction contract execution **(QA/QC mgt)**
- Supports improved contract mgt at field offices **(contract admin)**
- Helps monitor, analyze & communicate schedule compliance/changes during construction execution **(schedule mgt)**
- Supports effective fiscal management of project finances **(\$ mgt)** by PDT during construction execution
- Supports effective communication and reporting during construction execution phase **(reporting)**
- Helps government-contractor partnering **(QCS contractor module)**



US Army Corps  
of Engineers

# RMS Overview

## Why do we need it?

- **Construction contracting is TYPICALLY.....**
  - **Managed in District HQ ... but executed 'out there' in field**
  - **Involves complex mix of Project Delivery Team members, such as:**
    - » **Customer**
    - » **Commander**
    - » **Operations**
    - » **Project/Construction Managers**
    - » **Engineering and Construction Staff**
    - » **Contracting Specialist**
    - » **Counsel**
    - » **Resource Managers**
    - » **Contractors**



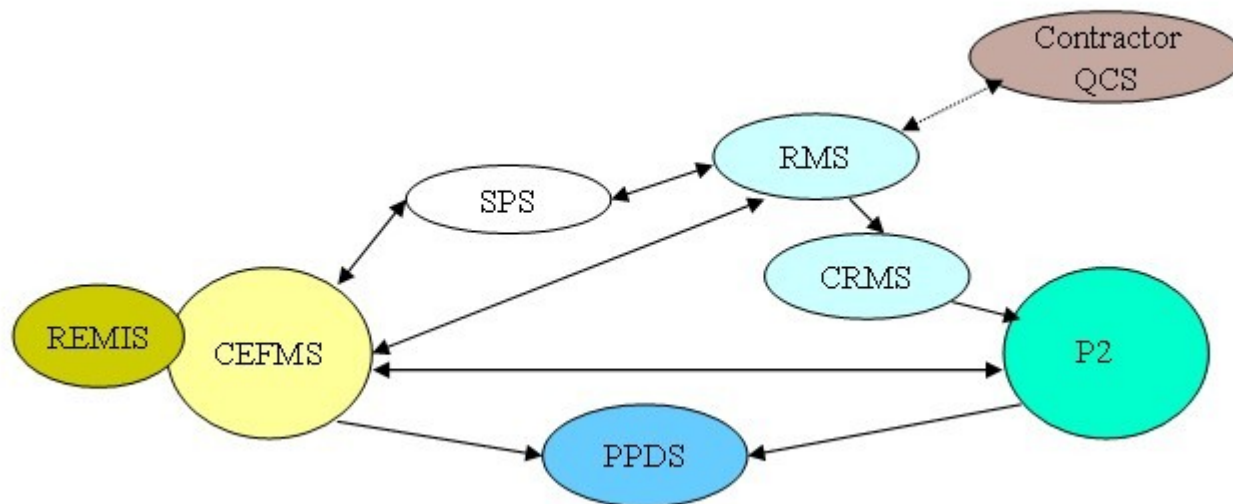
US Army Corps  
of Engineers

# USACE 'System of Systems' Overview

## -- How does RMS 'fit'?



*Program   Budget   Design   Acquire/Contract   Construct   Transfer   Operate & Maintain   Renovate/*





US Army Corps  
of Engineers

# RMS Overview

## RMS relationships to other systems

### - RMS-CEFMS

- Interfaces w/CEFMS on progress payments & project finances

### - RMS-CRMS-P2

- RMS provides key status information and project/contract information to PM at District HQ
- RMS feeds MSC, HQUSACE & customers via P2 Connection

### - RMS-SPS (PD2)

- RMS will upload ACO prepared or approved mods to SPS via interface and download contracts/DOs/PCO mods from SPS

### - RMS-Contractor NAS (SDEF):

- Import contractor's schedule from commercial network analysis system (Primavera P3)

## Why use a government developed system?

- Government business processes, roles unique - no available COTS



US Army Corps  
of Engineers

# RMS Overview

## Features in Version 2.38



US Army Corps  
of Engineers

# RMS Overview

## Features I

### **Stand-alone Quality Assurance & Control Module for Remote Sites**

This feature allows RMS and QCS User's to use stand-alone software on computers used at remote sites or when a LAN or Dial-up Connection is unavailable or just too slow. Once installed, Remote Sites are assigned various Modules and use them remotely. The Master systems (RMS and QCS) become "read only" on those modules assigned elsewhere. The stand-alone user will create and can send export files back to the main RMS or QCS program electronically.



US Army Corps  
of Engineers

# RMS Overview

## Features II

### – MasterFormat 2004 (SpecInTact)

-- RMS includes the older format of MasterFormat 1995 and includes the MasterFormat 2004. The older version basically included 16 Specification Divisions and the new format includes 50 Divisions. When downloaded from SpecsInTact you will download all of the fourteen characters available. With this new format we are able to link the submittal items to various other data, such as QC Test or QA Tests.



US Army Corps  
of Engineers

# RMS Overview Features III

## Supporting Documents

Supporting Documents are used in conjunction with the Contractor Claims, Contract Changes and Modification Modules. Examples of supporting documents include:

RFP Letters Correspondence

IGE PNM

POM          Photos \*\*

Drawings    Specifications

Daily QA/QC Narratives    Unresolved Issues

Submittals    Excel Spreadsheets

**\*\* = Caution Needed on Size of Photos**





US Army Corps  
of Engineers

# RMS Overview Features IV

## Two-Way RFI's

Both RMS and QCS include a module for RFI's. RMS User's will have a choice to continue using the standard correspondence module to answer RFI's or they can use the new Module and RFI Form. New permissions must be granted to RMS User's to control who has access and who can answer, approve and send RFI responses.



US Army Corps  
of Engineers

# RMS Overview Features V

## Dredging Reports

RMS includes the QC Dredging Report for both types of Dredging commonly encountered in our contracts. Simply annotate your project in setup as a job needing the dredging

report and the format will automatically change to provide correct data fields and subsequent daily reports. You may also use the standard QA/QC Report when there is construction and dredging on the contract.



US Army Corps  
of Engineers

# RMS Overview Features VI

## RMS-SPS Interface (???? Date ????)

- Will upload ACO Modifications
- Will download DO/PCO Modifications
- Will download contracts



US Army Corps  
of Engineers

# RMS Overview Features VII

## RMS-CCASS Interface

- RMS-CCASS interface. Allows the construction evaluation to be put directly into CCASS electronically from RMS. Interface includes both Government and Contractor access to the CCASS database.



US Army Corps  
of Engineers

# RMS Overview Features VIII

## Placement vs. Baseline Reports

- To facilitate projections and successes meeting targeted placements RMS can establish a baseline schedule for all future and active contracts and measure it against actual placement.



US Army Corps  
of Engineers

# RMS Overview Features IX

## Prompt Payment / Pay Requests

- Prompt Payment Certification and reporting of Subcontractor payments can be furnished directly from QCS.



US Army Corps  
of Engineers

# RMS Overview

## Features X

### Activity Hazard Analysis

- The Contractor can develop AHA's in the Contractor Library and use this for all contracts in the QCS database. The individual AHA's may also be edited at the contract level to tailor it for a specific contract hazard or location



US Army Corps  
of Engineers

# RMS Overview Features XI

## Safety Exposure Report

- RMS and QCS will rollup exposure hours and develop the required **Monthly Injuries/Illnesses & Exposure Report.**





US Army Corps  
of Engineers

# RMS Overview

## Features XII

### 3-Phase Inspections in QCS

- The contractor can add new 3-phase checks in QCS and can attach the RMS System Library Checks to the Features of Work for his 3-Phase Inspections. This can be done at the Contractor Library level and used for all contracts.



US Army Corps  
of Engineers

# RMS Overview

## Features XIII

### Exports to Training Sites

- RMS, QCS, and QAS can be directed to a test site for training, troubleshooting, etc., thus avoiding over-writing live RMS data.
- This export can also be designated as a “Read Only” export for training or review.



US Army Corps  
of Engineers

# RMS Overview Features XIV

## Warranty Items and Inspections

- Warranty Items can be entered into RMS/QCS and will be tracked to completion as the process is finalized. Any outstanding Warranty Items will be available to include on the 4, 9, and 12, Month Warranty Inspections.
- These are handled similar to Punch List Items.



US Army Corps  
of Engineers

# RMS Overview Features XV

## Contract Documents

- This module will allow the RMS User to add various types of Contract Documents to a particular contract. (Word docs, text, jpg, bmp, xls, pdf, etc.)
- When you “Add” a Contract Document, you will be presented with a screen on which to SELECT the attachment to add to the RMS database for your contract. Once you Add a document, you will be able to view it from this screen without having to drill down further in the screens.



US Army Corps  
of Engineers

# RMS Overview

## Who does what?

- **HQUSACE** (Eng & Construction Div) is Functional Proponent for RMS
- **RMS Center** at Apple Valley, CA  
<http://www.rmssupport.com>
  - Develops RMS and QCS software
  - Technical support to District RMS POCs
  - Provides/manages training for District 'core' users/trainers
  - Coordinates with other USACE system developers (CEFMS/P2/SPS/CCASS/SPECSINTACT)
  - Coordinates with HQUSACE to ensure compatibility with construction mgt & project delivery business processes, priorities, budgets, policies
- **RMS User Group**
  - Each Corps Division/Center appoints an RMS Representative to participate in the User Group to democratically determine the next direction, including prioritizing new features, of the RMS and QCS Programs



US Army Corps  
of Engineers

# RMS Overview

- RMS
  - Opportunity to improve critical phase of our project delivery process
- Questions ???